



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/844,684

DATE: 01/26/2002
TIME: 16:16:22

Input Set : A:\Sequence Listing.asc
Output Set: N:\CRF3\01262002\I844684.raw

**Does Not Comply
Corrected Diskette Needed**

5 <110> APPLICANT: GEMINI SCIENCE, INC.
6 LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY
8 <120> TITLE OF INVENTION: HUMAN ANTI-CD40 ANTIBODIES AND METHODS OF MAKING SAME
10 <130> FILE REFERENCE: 21286/0276339
12 <140> CURRENT APPLICATION NUMBER: US 09/844,684
13 <141> CURRENT FILING DATE: 2001-04-27
15 <150> PRIOR APPLICATION NUMBER: US 60/200,601
16 <151> PRIOR FILING DATE: 2000-04-28
18 <160> NUMBER OF SEQ ID NOS: 15
20 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

22 <210> SEQ ID NO: 1
23 <211> LENGTH: 40
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
30 <400> SEQUENCE: 1
E--> 31 cccagatctg tccatccaga accaccact gcatgcagag *40 format error*
32 40
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 41
37 <212> TYPE: DNA
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
43 <400> SEQUENCE: 2
E--> 44 acaagatctg ggctctacgt atctcagccg atcctgggga c *same error*
45 41
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 26
50 <212> TYPE: DNA
51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
56 <400> SEQUENCE: 3
E--> 57 gtgcacgccg ctggtcaggg cgcctg *same*
58 26
61 <210> SEQ ID NO: 4
62 <211> LENGTH: 26

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63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
W--> 65 <220> FEATURE:
66 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer *same*
68 <400> SEQUENCE: 4
E--> 69 gttgaagctc tttgtgacgg gcgagc
70 26
73 <210> SEQ ID NO: 5
74 <211> LENGTH: 30
75 <212> TYPE: DNA
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
81 <400> SEQUENCE: 5
E--> 82 accgtgtcga cggtgatcag gactgaacag
83 30
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 29
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
94 <400> SEQUENCE: 6
E--> 95 accgtgtcga cgctgatcag gactgcaca
96 29
99 <210> SEQ ID NO: 7
100 <211> LENGTH: 24
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
107 <400> SEQUENCE: 7
E--> 108 agtgctagct gaggagacgg tgac
109 24
112 <210> SEQ ID NO: 8
113 <211> LENGTH: 30
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
121 <400> SEQUENCE: 8
E--> 122 aactccagat ctagggcaag cagtggtaac
123 30
126 <210> SEQ ID NO: 9
127 <211> LENGTH: 30
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer

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134 <400> SEQUENCE: 9
E--> 135 tatccccgtac ggttgatctc caccttggtc
136 30
139 <210> SEQ ID NO: 10
140 <211> LENGTH: 520
141 <212> TYPE: DNA
142 <213> ORGANISM: Homo sapiens
144 <400> SEQUENCE: 10
E--> 145 gctgatcagg actgcacaca gagaactcac catggagttt gggctgagct
146 gggttttcct 60
E--> 147 tgttgctatt ttaaaagggtg tccagtgtga ggtgcagctg gtggagtccg
148 ggggaggctt 120
E--> 149 agttcagcct ggggggtccc tgagactctc ctgtgcagtc tctggattca
150 ccttcagtag 180
E--> 151 ctactggatg cactgggtcc gccaaagctcc aggggaagggg ctggtgtggg
152 tctcacgtat 240
E--> 153 taatagtgat gggagtagca caacctacgc ggactccgtg aagggccgat
154 tcaccatctc 300
E--> 155 cagagacaac gccaaagaaca cgctgtatct gcaaataaac agtctgagag
156 ccgaggacac 360
E--> 157 ggctgtgtat tactgtgcaa gagatagagt actatggatc ggggagttat
158 cctactacgg 420
E--> 159 tatggacgtc tggggccaag ggaccacggt caccgtctcc tcagctagca
160 ccaagggccc 480
E--> 161 atcgggtcttc cccctggcac cctcctccaa gagcacctct
162 520
165 <210> SEQ ID NO: 11
166 <211> LENGTH: 698
167 <212> TYPE: DNA
168 <213> ORGANISM: Homo sapiens
170 <400> SEQUENCE: 11
E--> 171 ggggagtcag acccagtcag gacacagcat ggacatgagg gtccccgctc
172 agctcctggg 60
E--> 173 gctcctgctg ctctggctcc caggtgccaa atgtgacatc cagatgacce
174 agtctccttc 120
E--> 175 caccctgtct gcatctgtag gagacagagt caccatcaact tgccgggcca
176 gtcagagtat 180
E--> 177 tagtaactgg ttggcctggt atcagcagaa accagggaaa gccctaagc
178 tctgtctcta 240
E--> 179 taaggcatct ggtttagaaa gtgggggtccc atcaaggttc agcggcagtg
180 gatctgggac 300
E--> 181 agaattcact ctcaccatca acagcctgca gcctgatgat tttgcaactt
182 attactgcca 360
E--> 183 acagtctaata agttattcgt ggacgttcgg ccacggggacc aaggtggaaa
184 tcaaacgtac 420
E--> 185 ggtggctgca ccatctgtct tcattctccc gccatctgat gagcagttga
186 aatctggaac 480
E--> 187 tgcctctgtt gtgtgcctgc tgaataactt ctatcccaga gaggccaaag
188 tacagtggaa 540

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E--> 189 ggtggataac gccctccaat cgggtaactc ccaggagagt gtcacagagc
190 aggacagcaa 600

E--> 191 ggacagcacc tacagcctca gcagcaccct gacgctgagc aaagcagact
192 acgagaaaca 660

E--> 193 caaagtctac gcctgcgaag tcacccatca gggcctga
194 698
197 <210> SEQ ID NO: 12
198 <211> LENGTH: 580
199 <212> TYPE: DNA
200 <213> ORGANISM: Homo sapiens
202 <400> SEQUENCE: 12

E--> 203 ggtgatcagg actgaacagg gagaactcac catggagttt gggctgggct
204 ggctttttct 60

E--> 205 tgtggctatt ttaaaagggtg tccagtgtga ggtgcagctg ttggagtctg
206 ggggaggctt 120

E--> 207 ggtacagcct ggggggtccc tgagactctc ctgtgcagcc tctggattcg
208 ccttttagcag 180

E--> 209 ctatgccatg agctgggtcc gccaggctcc aggggaagggg ctggagtggg
210 tctcagctat 240

E--> 211 tagtggtagt ggtggttagca catactacgc agactccgtg aagggccggt
212 tcacccatctc 300

E--> 213 cagagacaat tccaagaaca cgctgtatct gcaaatgaac agcctgagag
214 ccgaggacac 360

E--> 215 ggccgtatat tactgtgcga aagatggggg gtactatggt tcggggagtt
216 atgggtactt 420

E--> 217 tgactactgg ggccaggga cctgtgtcac cgtctcctca gctagcacca
218 agggcccatc 480

E--> 219 ggtcttcccc ctggcaccct cctccaagag cactcttggg ggcacagcgg
220 ccttgggctg 540

E--> 221 cctgggtcaag gactacttcc ccgaaccggt gacggtgtcg
222 580
226 <210> SEQ ID NO: 13
227 <211> LENGTH: 716
228 <212> TYPE: DNA
229 <213> ORGANISM: Homo sapiens
231 <400> SEQUENCE: 13

E--> 232 caacgcagag tacgcgggga ggagtcagac ccagtcagga cacagcatgg
233 acatgagggt 60

E--> 234 ccccgctcag ctctggggc tctgtgtgct ctggttccca ggttccagat
235 gcgacatcca 120

E--> 236 gatgaccag tctccatctt ccgtgtctgc atctgcagga gacagagtca
237 ccatcacttg 180

E--> 238 tcgggcgagt cagggtatta gcagctggtt agcctggtat caacagaaac
239 cagggaagc 240

E--> 240 ccctaagctc ctgatctatg ctggatccag tttgcaaagt ggggtcccat
241 caaggttcag 300

E--> 242 cggcagtgga tttgggacag atttcaactc caccatcggc agcctgcagc
243 ctgaagattt 360

E--> 244 tgcaacttac tattgtcaac aggctagcag tttccctcgg acgttcggcc

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```

      245 aagggaccaa 420
E--> 246 ggtggagatc aaacgtacgg tggtgcacc atctgtcttc atcttcccgc
      247 catctgatga 480
E--> 248 gcagttgaaa tctggaactg cctctgttgt gtgcctgctg aataacttct
      249 atcccagaga 540
E--> 250 ggccaaagta cagtgggaagg tggataacgc cctccaatcg ggtaactccc
      251 aggagagtgt 600
E--> 252 cacagagcag gacagcaagg acagcaccta cagcctcagc agcacctga
      253 cgctgagcaa 660
E--> 254 agcagactac gagaaacaca aagtctacgc ctgcgaagtc acccatcagg gcctga
      255 716
      258 <210> SEQ ID NO: 14
      259 <211> LENGTH: 630
      260 <212> TYPE: DNA
      261 <213> ORGANISM: Homo sapiens
      263 <400> SEQUENCE: 14
E--> 264 ggtctatata agcagagctg ggtacgtcct cacattcagt gatcagcact
      265 gaacacagac 60
E--> 266 ccgtcgacgg tgatcaggac tgaacagaga gaactcacca tggagtttgg
      267 gctgagctgg 120
E--> 268 ctttttcttg tggtattttt aaaaggtgtc cagtgtgagg tgcagctgtt
      269 ggagtctggg 180
E--> 270 ggaggcttgg tacagcctgg ggggtccctg agactctcct gtgcagcctc
      271 tggattcacc 240
E--> 272 tttagcagct atgccatgag ctgggtccgc caggctccag ggaaggggct
      273 ggagtgggtc 300
E--> 274 tcagctatta gtggtagtgg tggtagcaca tactacgcag actccgtgaa
      275 gggccgggtc 360
E--> 276 accatctcca gagacaattc caagaacacg ctgtatctgc aaatgaacag
      277 cctgagagcc 420
E--> 278 gaggacacgg ccgtatatata ctgtgcgaaa gatgggggggt actatgggtc
      279 ggggagtat 480
E--> 280 gggtaacttg actactgggg ccagggaacc ctggtcaccg tctcctcagc
      281 tagcaccaag 540
E--> 282 ggcccatcgg tcttccccct ggcaccctcc tccaagagca cctctggggg
      283 cacagcggcc 600
E--> 284 ctgggctgcc tggtaagga ctacttcccc
      285 630
      288 <210> SEQ ID NO: 15
      289 <211> LENGTH: 728
      290 <212> TYPE: DNA
      291 <213> ORGANISM: Homo sapiens
      293 <400> SEQUENCE: 15
E--> 294 caagcagtgg taacaacgca gagtacgagg ggggagtcag acccagtcag
      295 gacacagcat 60
E--> 296 ggacatgagg gtccccgctc agctcctggg gctcctgctg ctctgggtcc
      297 caggttccag 120
E--> 298 atgcgacatc cagatgaccc agtctccatc ttccgtgtct ggatctgtag
      299 gagacagagt 180

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E--> 300 caccatcact tgtcgggcga gtcagggtat tagcagctgg ttagcctggt
301 atcagcagaa 240
E--> 302 accagggaaa gcccctaagc tcctgatcta tgctggatcc agtttgcaaa
303 gtgggggtccc 300
E--> 304 atcaagggtc agcggcagtg gatttgggac agatttcact ctcaccatca
305 gcagcctgca 360
E--> 306 gcctgaagat tttgcaactt actattgtca acaggctagc agtttcctc
307 ggacattcgg 420
E--> 308 ccaaggagacc aagggtggaga tcaaacgtac ggtggctgca ccattctgtct
309 tcatcttccc 480
E--> 310 gccatctgat gacgagttga aatctggaac tgctctgtt gtgtgcctgc
311 tgaataactt 540
E--> 312 ctatcccaga gaggccaaag tacagtggaa ggtggataac gccctccaat
313 cgggtaactc 600
E--> 314 ccaggagagt gtcacagagc aggacagcaa ggacagcacc tacagcctca
315 gcagcaccct 660
E--> 316 gacgctgagc aaagcagact acgagaaaca caaagtctac gcctgcgaag
317 tcacccatca 720
E--> 318 gggcctga
319 728



VERIFICATION SUMMARY

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Input Set : A:\Sequence Listing.asc

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L:31 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:40 SEQ:1
L:44 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:41 SEQ:2
L:57 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:26 SEQ:3
L:65 M:283 W: Missing Blank Line separator, <220> field identifier
L:69 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:26 SEQ:4
L:82 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:30 SEQ:5
L:95 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:29 SEQ:6
L:108 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:24 SEQ:7
L:122 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:30 SEQ:8
L:135 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:30 SEQ:9
L:145 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:50 SEQ:10
M:254 Repeated in SeqNo=10
L:171 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:50 SEQ:11
M:254 Repeated in SeqNo=11
L:203 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:50 SEQ:12
M:254 Repeated in SeqNo=12
L:232 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:50 SEQ:13
M:254 Repeated in SeqNo=13
L:264 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:50 SEQ:14
M:254 Repeated in SeqNo=14
L:294 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:50 SEQ:15
M:254 Repeated in SeqNo=15